

**CONTRACT CHANGE ORDER MEMORANDUM**

DATE: 6/25/2012 Page 1 of 1

TO: Tony Anziano, Program Manager /			FILE: <b>E.A.</b> 04 - 0120F4	
FROM: Darryl Schram, Senior TE			<b>CO-RTE-PM</b> SF-80-13.2/13.9	
			<b>FED. NO.</b>	
CCO#: <b>45</b>	SUPPLEMENT#: <b>4</b>	Category Code: <b>CHSA</b>	CONTINGENCY BALANCE (incl. this change) <b>\$106,950,047.58</b>	
COST: <b>\$182,495.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CCO DESCRIPTION:</b> Add. Paint on Ductile Iron Pipe (Field)			<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>0</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>3</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Repairing and repainting areas with surface imperfections on the Ductile Iron Pipe (DIP) which has been transported to the bridge and incorporated in the work. After paint repair has been completed, preparing the DIP in accordance with Society of Protective Coatings specifications and applying two finish coats of 5 to 7 mils of Carboline Carboxane 2000. DIP on the Pier W2 cap and column shall have two finish coats of grey Federal Standard 595B #26492 applied, in lieu of white paint.

The DIP and fittings for the 6" City and County of San Francisco (CCSF) Reclaimed Water, 10" CCSF Sewer Force Main, and 12" CCSF Water lines were painted per CCO 45S0. Approximately 70% of this DIP has been transported to the bridge and incorporated into the work. Caltrans' Material Engineering and Testing Services Branch (METS) inspected installed DIP and determined that the dry film thickness of the primer and paint, that was specified and applied, was insufficient to prevent corrosion. METS recommended that two additional coats of 5 to 7 mil polysiloxane paint be applied. This change order will provide for applying additional paint coat to the 70% of DIP that has been incorporated into the work. The remaining 30% of DIP was painted in CCO 45S3. The paint color at Pier W2 is changed to grey to match the cap and column.

The cost of this supplemental change is \$182,495.00, which can be financed from the contingency fund. This will result in a cumulative amount of \$705,429.00 for CCO 45S0, S1, S2, S3, and S4. A detailed cost estimate is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE), Ken Terpstra (Proj. Manager), Rich Foley (HQ Oversight), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), and Jing Chen (District Design).

<b>CONCURRED BY:</b>			<b>ESTIMATE OF COST</b>	
Construction Engineer: William Casey, Sup TE	Date	5/7/12	THIS REQUEST	TOTAL TO DATE
Bridge Engineer: CT Oversight, Wenyi Long, P.E.	Date	5/29/12	ITEMS	\$0.00
Project Engineer: District Design, Jing Chen	Date	5/3/12	FORCE ACCOUNT	\$120,000.00
Project Manager: Proj Manager, Ken Terpstra	Date	5/9/12	AGREED PRICE	\$326,499.00
FHWA Rep.:	Date		ADJUSTMENT	\$258,930.00
Environmental:	Date		<b>TOTAL</b>	<b>\$705,429.00</b>
Other (specify): HQ, Rich Foley	Date	5/10/12	<b>FEDERAL PARTICIPATION</b>	
Other (specify): Struct. Maint, Lina Ellis	Date	5/3/12	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING	
District Prior Approval By:	Date		FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)	
HQ (Issue Approve) By:	Date		<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS	
Resident Engineer's Signature:	Date		FEDERAL FUNDING SOURCE	PERCENT
				